



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

M

Region Southeastern USGS Quad(s) Petersburg D-3

Anadromous Waters Catalog Number of Waterway 108-60-10049

Name of Waterway City Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>13-537</u>	<u>[Signature]</u>	<u>10/29/13</u>
		Fisheries Scientist	Date
Revision Year:	<u>2014</u>	<u>[Signature]</u>	<u>10/29/13</u>
		Habitat Operations Manager	Date
Revision to:	Atlas _____ Both <u>X</u>	<u>[Signature]</u>	<u>9/9/13</u>
		AWC Project Biologist	Date
Revision Code:	<u>C-9</u>	<u>[Signature]</u>	<u>11/26/13</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

Coordinates (Lat,Long): Upper(56.7866,-132.9138) Lower(56.7997,-132.8951)

update stream hydrography

Name of Observer (please print): Nicole Legere
 Signature: 146.63.61.200 (Web Nomination) Date: 08/30/2013
 Agency: _____
 Address: PO Box 110024 Room 209
Juneau, AK 99811-0024

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08
 Name of Area Biologist (please print): _____

108-60-10049 Route Correction**Stream:** City Creek (108-60-10049, cataloged for COs, Pp, CTp, DVp)**Watershed:** Big Creek-Frontal Frederick Sound**MTRS:** C058S079E, Petersburg D-3**Date Surveyed:** June 1 and 2, 2013

Findings: We tracked City Creek (108-60-10049) and sampled the tributaries up to the Petersburg Reservoir dam just below the lake (Figure 1, Table 1). We encountered an old wooden dam below the lake that did not appear to restrict fish passage (Figure 2). We found the current route for this stream differs from the AWC (Figure 3).

Recommendations: Update the route for the lower portion of stream 108-60-10049 in the AWC.

Table 1: 108-60-10049 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
313	56.7997	-132.8951	Bridge over City Creek. We are going to track and EF the tributaries.		
314	56.7992	-132.8961	Tributary entering river left. Tracking.		
315	56.7992	-132.8966	Iron enriched. Intermittent flow.	EF	1 2 DV
316	56.7990	-132.8967	Calling it the top. Flows out of the ground. Gradient increases.	EF	No Fish
317	56.7985	-132.8964	Tributary entering river left. Tracking.		
318	56.7985	-132.8965	Iron enriched and small	EF	3 CO
319	56.7986	-132.8970	Calling it top, water just seeping out of ground.	EF	No Fish
320	56.7968	-132.8973	Tributary entering on river right. Tannic, good flow, low gradient.		
321	56.7964	-132.8973		EF	1 CT
322	56.7964	-132.8976		EF	1 CT ~85mm
323	56.7961	-132.8973		EF	1 DV
324	56.7959	-132.8971	Tributary river left, tracking and EF.		
325	56.7959	-132.8972		EF	1 CT
326	56.7958	-132.8973		EF	1 DV
327	56.7957	-132.8974		EF	2 DV
000	56.7947	-132.8973	Top of tributary, heading back to main tributary.		
328	56.7957	-132.8967	Calling it top, flowing off hillside, no fish. Muskeg.	EF	No Fish
329	56.7959	-132.8992	Side channel on river left. Tracking.		
330	56.7968	-132.9006	On uncataloged side channel.		
331	56.7957	-132.9123	Mouth of small tannic tributary on river left.	EF	No fish

332	56.7957	-132.9124	Deep tannic pool on tributary.	EF	1 DV
333	56.7956	-132.9129	Water draining from hillside.		
334	56.7954	-132.9127	Tributary is actually a side channel.		
335	56.7945	-132.9126	Mouth of tributary.	EF	3 CO, 2 DV, 1 CT
336	56.7944	-132.9130	Shallow pool.	EF	2 DV, 1 CO
337	56.7944	-132.9130	Captured in small series of pools.	EF	2 DV, 1 CO
338	56.7944	-132.9132	Long mossy run.	EF	3 CO
339	56.7944	-132.9134		EF	1 CO
340	56.7943	-132.9135		EF	1 CO-70 mm
341	56.7943	-132.9137	Possible barrier, fishing above.		
342	56.7944	-132.9138	Barrier.	EF	No fish
343	56.7945	-132.9130	Back at mainstem		
344	56.7941	-132.9123	Mouth of tributary.		
345	56.7938	-132.9127	Upwelling, no fish.	EF	No fish
346	56.7940	-132.9121	Back at mainstem		
347	56.7913	-132.9111	Possible velocity barrier at high flows.		
348	56.7910	-132.9111	Bridge above, possible barrier.		
349	56.7888	-132.9117	Ancient log dam.		
350	56.7888	-132.9123	Huge debris jam.		
351	56.7869	-132.9123	Mouth of tributary just below dam.	EF	1 DV
352	56.7869	-132.9122	Deep series of pools.	EF	1 CT-120 mm, 1 DV
353	56.7868	-132.9121	Old beaver dam, no fresh sign.		
354	56.7866	-132.9138	Petersburg reservoir. Dam barrier.		



Figure 1: Below Petersburg Reservoir Dam.



Figure 2: Habitat Biologist Nicole Legere downstream of old wooden dam.

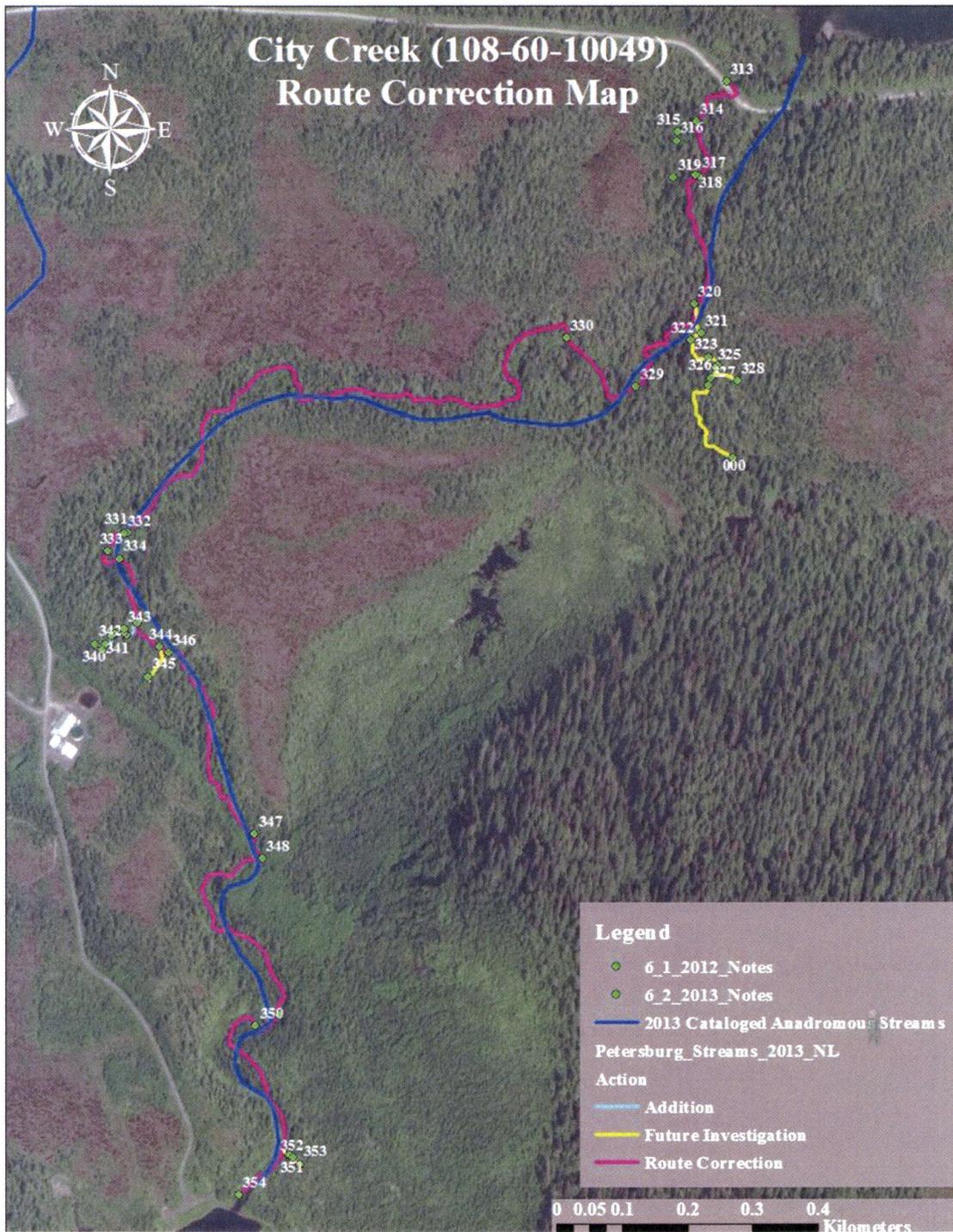


Figure 3: 108-60-10049 route correction map.